

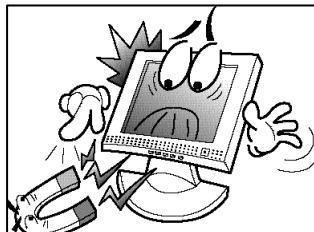
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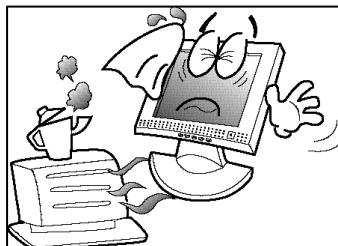
Adjusting your lcd monitor

General safety precautions

This Monitor has been engineered and manufactured to assure your safety. Please read this manual and comply with the warnings and the procedures to avoid any serious electrical shock and other serious damage.

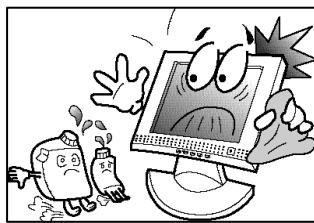


1. Do not place anything heavy, wet or magnetic on the monitor or power cord. Do not cover the ventilation openings nor touch them with metallic or flammable material.

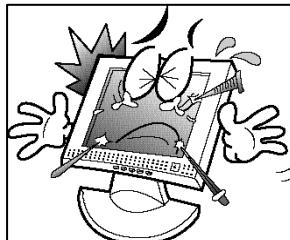


2. High temperature can cause troubles. Avoid operating the monitor in extreme heat, humidity or dusty areas. Extreme temperature may cause discoloration or damages.

Ambient Temperature : 0°C ~ 40°C

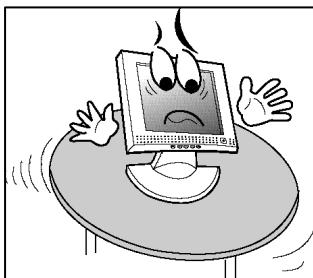


3. Do not use a solvent, such as benzene, to clean the monitor to prevent any damages to the LCD surface.



4. Do not use fine tools such as a pin or a pencil near the monitor to prevent any scratch to the LCD surface.

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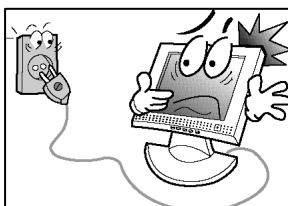
5. Place the monitor on a flat surface to prevent it from falling.



6. Do not apply any mechanical shocks to the machine.

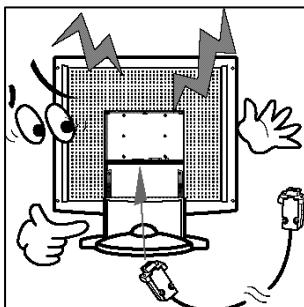


7. Install it in a well-ventilated area or secure enough space for ventilation.

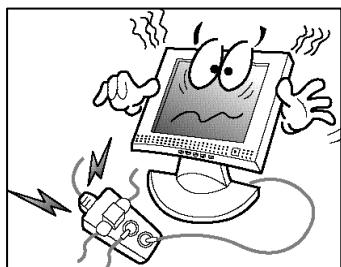


8. Turn the monitor off before connecting it to the power outlet.

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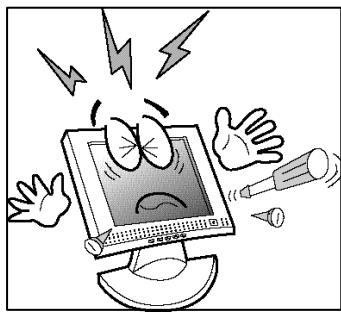


9. Make sure that the power cord and the other cords are properly connected.



10. Overloaded AC outlets and extension cords are dangerous. Also, the frayed power cords and the broken plugs may cause electric shock or fire.

11. Do not open the monitor. There are no user-serviceable components inside. There is a risk of exposure to high-voltage electricity inside, even when power is turned off. If the display monitor does not operate properly, unplug the power cord and contact your dealer. Handling the electrical equipment carelessly will cause a serious electrical shock and other hazards.

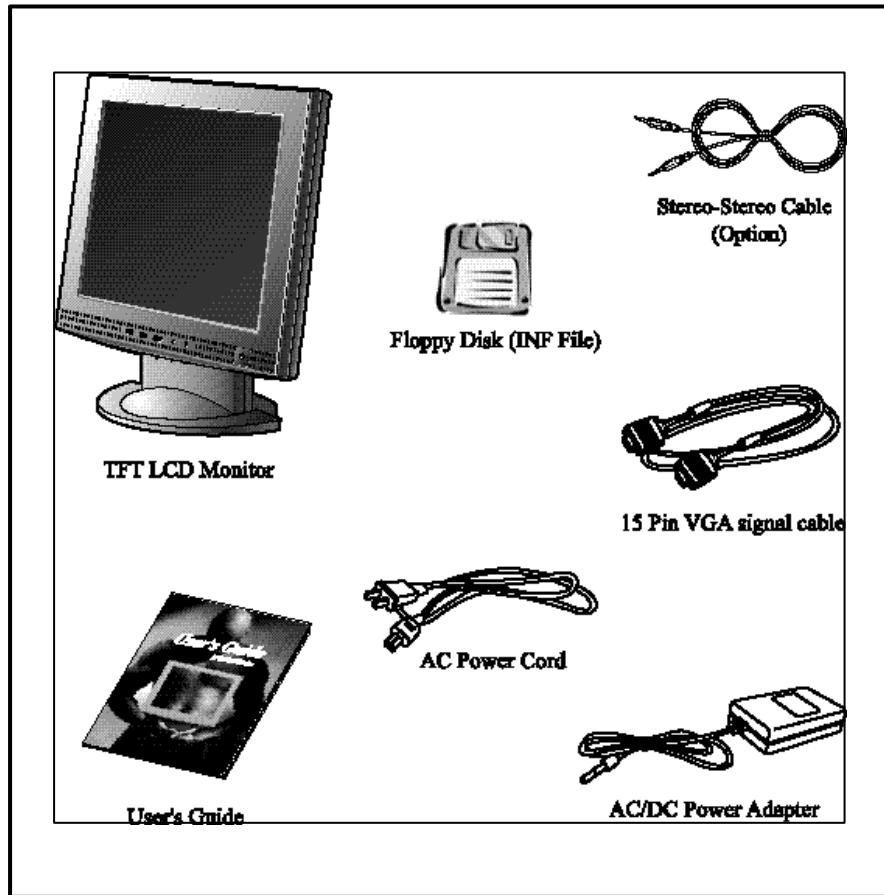


CAUTION : RISK OF ELECTRIC SHOCK, DO NOT OPEN

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Unpacking your monitor

Please make sure the following items are included with your monitor. If you find that any of these items are missing or appear damaged, contact your dealer immediately.

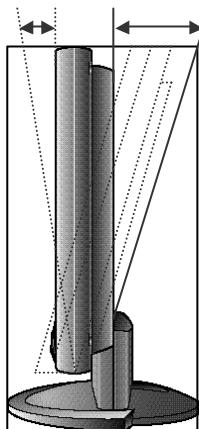


The power cord can be different depending upon different voltage areas.

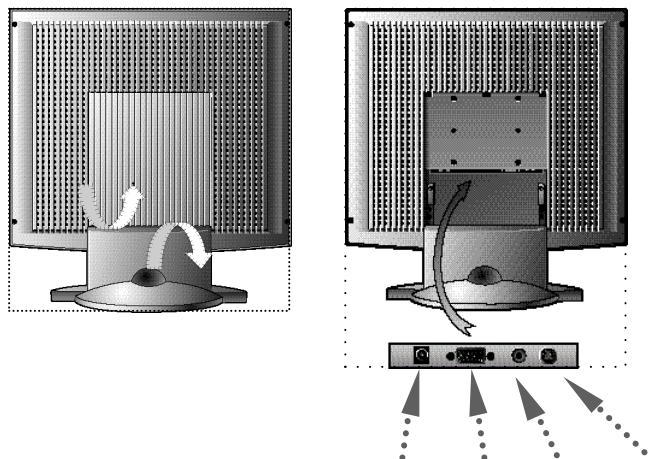
Adjusting your lcd monitor

Viewing angle

Your monitor was designed to allow you to adjust it to a comfortable viewing angle. The viewing angle can be adjusted forward and backward respectively as indicated by the arrow marks below.

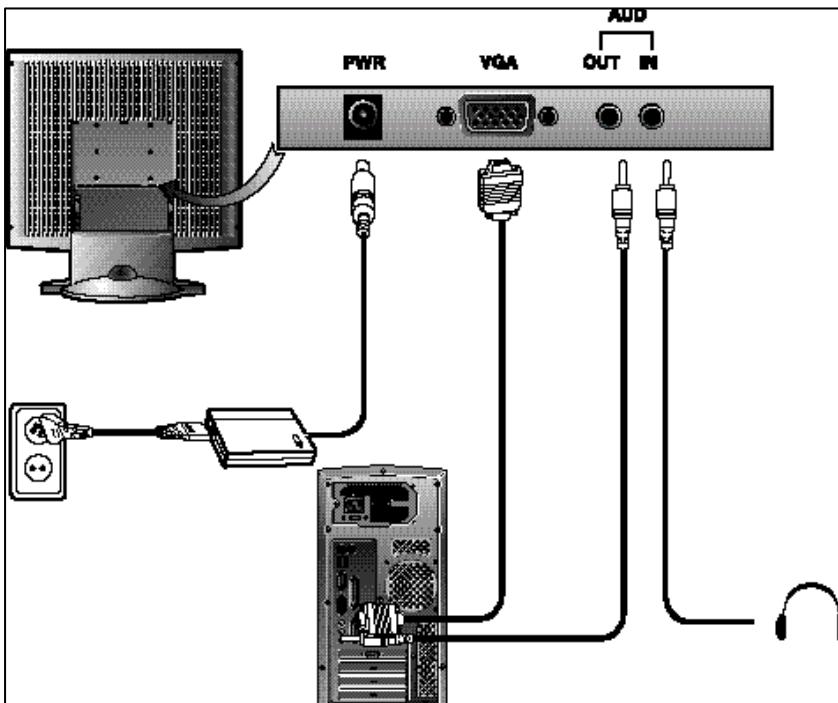


How to open the back cover



Connecting your monitor

Be sure to turn the computer off before connecting the monitor



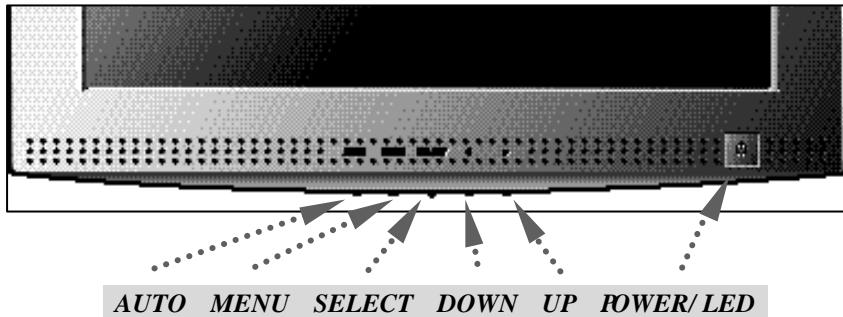
Cable connections

- Connect the video signal cable (15Pin connector) to the system's VGA connector which is located on the back panel of the computer.
- Connect the power adaptor cord to the monitor and then to the power supply.
- Insert the audio out jack to the ear phone jack and insert the audio in jack to the sound card port at the back of the computer.

Adjusting your lcd monitor

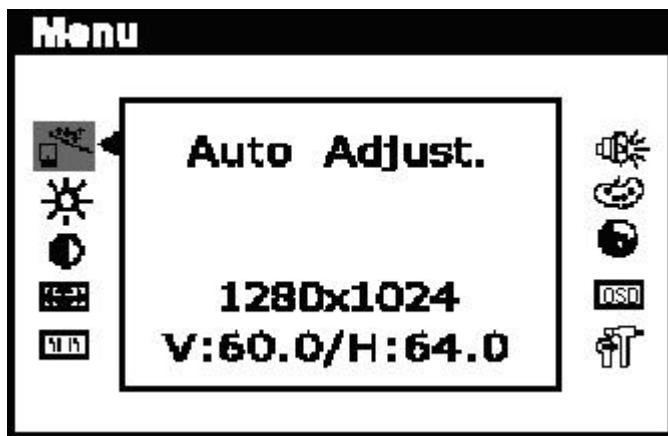
User controls

Front control buttons



No.	Key name	Description
1	AUTO	Activates the auto adjustment function.
2	 MENU	Opens the OSD menu.
3	SELECT	Selects the main menu items and sub-menu items.
4	 ?	Moves to the lower menu item or sub-menu item. Decreases the value of the parameter.
5	 ?	Moves to the upper menu item or sub-menu item. Increases the value of the parameter.
6	POWER	Turns on/off the monitor.
7	LED	Indicates the status of the monitor. <ul style="list-style-type: none">• Green : Normal operation.• Amber : Power saving mode or disconnected signal cable.

OSD (On-screen display settings)



OSD Operation

1. Press the menu button to open the menu system and display the main function menu.
2. Push the “?” and “?” buttons to move between the function icons. As you move from one icon to the other, the function name changes to reflect the function or group of functions represented by that icon. See the menu adjustments table to view a complete list of all the functions available for the monitor.
3. Push the select button once to activate the highlighted function. Use the “?” and “?” buttons according to the indicators on the menu to make your changes.
4. To exit from the OSD menu at any time during the operation, press the auto button. If no keys are pressed for a short period of time, the OSD menu will automatically disappear.

Adjusting your lcd monitor

Menu adjustments

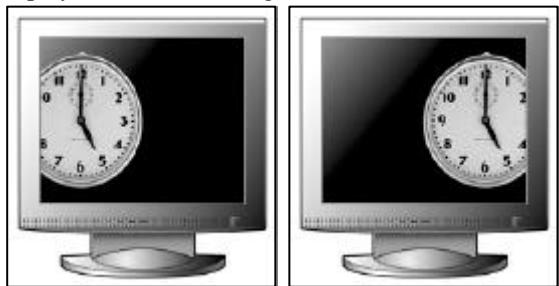
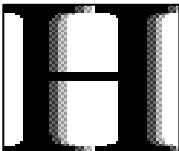
Icon	Setting menu	Sub-menus	Description
	Auto Adjust		<ul style="list-style-type: none">• Adjusts to control the Automatically Image sharpness and noise elimination.
	Brightness		<ul style="list-style-type: none">• Adjusts the screen intensity.
	Contrast		<ul style="list-style-type: none">• Adjusts the contrast of the screen image.
	Position	H-Position	<ul style="list-style-type: none">• Adjusts the horizontal position of the screen image.
		V-Position	<ul style="list-style-type: none">• Adjusts the vertical position of the screen image.
	Image	Phase	<ul style="list-style-type: none">• Adjusts the noise of the screen image.
		Clock	<ul style="list-style-type: none">• Adjusts the width of the screen image.
	Volume		<ul style="list-style-type: none">• Adjusts the volume.
	Color	Preset Color 1	<ul style="list-style-type: none">• One of factory set of white balance
		Preset Color 2	<ul style="list-style-type: none">• One of factory set of white balance
		User Color	<ul style="list-style-type: none">• User can change the white level

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Icon	Setting menu	Sub-menus	Description
	Language	English	<ul style="list-style-type: none">• Selects the English language.
		Deutsch	<ul style="list-style-type: none">• Selects the Deutsch language.
		Français	<ul style="list-style-type: none">• Selects the Français language.
		Español	<ul style="list-style-type: none">• Selects the Español language.
		Italiano	<ul style="list-style-type: none">• Selects the Italiano language.
	OSD Adjust	Horizontal Position	<ul style="list-style-type: none">• Adjusts the OSD Horizontal Position.
		Vertical Position	<ul style="list-style-type: none">• Adjusts the OSD Vertical Position.
		OSD Time	<ul style="list-style-type: none">• Adjusts the OSD screen appearing time.
	Reset		<ul style="list-style-type: none">• Displays the factory-preset value.

Adjusting your lcd monitor

Refining the picture

Step 1	At first display, a full screen, such as window background or "H" character should be achieved by using editor.
Step 2	Adjust the screen to the center of the display (LCD), by using the top and bottom display controls (i.e. using V-Position menu). 
Step 3	Adjust the screen to the center of the display (LCD) by using the right and left display controls (i.e. using H-Position menu). 
Step 4	Adjust the Phase until the "H" character displays clear. 
Step 5	Using the Contrast, Brightness, set the Color to your preference.
Step 6	When you finish the adjustment, you can save your settings by pressing on the menu until the OSD screen has disappeared.

Power management function

This monitor is equipped with a DPMS(Display Power Management Signaling) function that automatically cuts the power dissipation down to less than 5W when the computer is left unattended.

Although the monitor can be left in power-saving mode for longer periods, we recommend that you turn it off after your daily work.

Status	Description
Green	Power on.
Amber / Blink	Power saving.

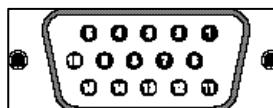
Video input terminal

A 15Pin D-Sub connector is used as the input signal connector. Each pin and assignment is shown in the table below.

(Analog)

Pin No.	Signal Name	Pin No.	Signal Name
1	RED	9	N.C.
2	GREEN	10	GROUND
3	BLUE	11	GROUND
4	GROUND	12	DDC SDA
5	GROUND	13	H-Sync
6	RED Ground	14	V-Sync
7	GREEN Ground	15	DDC SCL
8	BLUE Ground		

15Pin D-Sub connector



APPENDIX

Display modes

For the display modes listed below, the screen image has been optimized during production.

Preset timing modes.

(Analog)

Mode	Display Mode	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Standard Type
VGA	640 x 350	31.5KHz	70Hz	IBM®
	720 x 400	31.5KHz	70Hz	IBM®
	640 x 480	31.5KHz	60Hz	Industry Standard
	640 x 480	37.9KHz	72Hz	VESA Standard
	640 x 480	37.5KHz	75Hz	VESA Standard
SVGA	800 x 600	35.2KHz	56Hz	VESA Guidelines
	800 x 600	37.9KHz	60Hz	VESA Guidelines
	800 x 600	48.0KHz	72Hz	VESA Standard
	800 x 600	46.9KHz	75Hz	VESA Standard
XGA	1024 x 768	48.4KHz	60Hz	VESA Guidelines
	1024 x 768	56.5KHz	70Hz	VESA Standard
	1024 x 768	60.0KHz	75Hz	VESA Standard
SXGA	1280 x 1024	64.0KHz	60Hz	VESA Standard
	1280 x 1024	80.0KHz	75Hz	VESA Standard

Troubleshooting

Warning : This section will try to anticipate potential problems that you may encounter in the day-to-day use of your monitor.

If after trying the suggested solutions, your monitor's symptom remains the same, contact your authorized service center.

Troubleshooting problems

Problems		Corrective Actions
No Picture	LED Green	<ul style="list-style-type: none"> Using OSD, adjust Brightness and Contrast to maximum or reset to their default settings.
	LED OFF	<ul style="list-style-type: none"> Check the power switch. Check if the AC power cord is properly connected to the AC adapter.
	LED Amber / Blink	<ul style="list-style-type: none"> Check if video signal cable is properly connected at the back of monitor. Check if the power to computer system is ON.
Display is not clear		<ul style="list-style-type: none"> Adjust the Frequency and Phase settings.
Too light or too dark		<ul style="list-style-type: none"> Adjust the Brightness and Contrast settings.
Image is not centered		<ul style="list-style-type: none"> Adjust the Horizontal and Vertical position settings using the OSD.

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Problems	Corrective Actions
Out of Range	<ul style="list-style-type: none">• Check the maximum resolution and the frequency on the video port of your computer.
Picture is scrambled	<ul style="list-style-type: none">• Check the signal cable connection between the computer and monitor.
Picture is fuzzy	<ul style="list-style-type: none">• Perform Auto adjust.
Picture bounces or has wavy oscillations	<ul style="list-style-type: none">• Check the signal cable connection between computer and monitor.
Picture appears to be ghosting	<ul style="list-style-type: none">• Check the signal cable connection between computer and monitor.
Color is not uniform	<ul style="list-style-type: none">• Adjust the color settings using the color temperature menu.
The colors are distorted with dark or shadowed areas	<ul style="list-style-type: none">• Adjust the color settings using the color temperature menu.
The power indicator is blinking amber	<ul style="list-style-type: none">• The monitor is using its power management system. Check the power management utility on your computer.